

## INFORMATION DISCLOSURE STATEMENT

Applicant : Shults, et al.  
App. No : 10/657843  
Filed : 09-Sep-2003  
For : DEVICE AND METHOD FOR  
DETERMINING ANALYTE LEVELS  
Examiner : Nasser, R.  
Art Unit : 3736

## CERTIFICATE OF MAILING

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January 21, 2005

(Date)

Rose M. Thiessen, Reg. No. 40,202

Mail Stop RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application is an Information Disclosure Statement by Applicant (PTO/SB/08 equivalent) listing 262 references to be considered by the Examiner. Also enclosed are 115 copies of foreign patent references and/or non-patent literature references as listed on the Information Disclosure Statement.

This Information Disclosure Statement is being filed within three months of the filing date, with an RCE or before receipt of a first office action after an RCE and no fee is required.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.

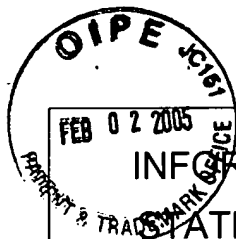
Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 1/21/05

By: Rose M. Thiessen

Rose M. Thiessen  
Registration No. 40,202  
Attorney of Record  
Customer No. 20,995  
(619) 235-8550



<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Multiple sheets used when necessary)	Application No.	10/657,843
	Filing Date	September 9, 2003
	First Named Inventor	Shults, et al.
	Art Unit	3736
SHEET 1 OF 12	Examiner	Nasser, R.
	Attorney Docket No.	DEXCOM.8DVC1C1

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1.	2003-0032874 A1	02/13/03	Rhodes, et al.	
	2.	2003-0091433 A1	05/15/03	Tam, et al.	
	3.	2003-0217966 A1	11/27/03	Tapsak, et al.	
	4.	2004-0011671 A1	01/22/04	Shults, et al.	
	5.	2004-0045879 A1	03/11/04	Shults, et al.	
	6.	2004-0186362 A1	09/23/04	Brauker, et al.	
	7.	4984929	01/15/91	Rock, et al.	
	8.	5322063	06/21/94	Allen, et al.	
	9.	5326356	07/05/94	Della Valle, et al.	
	10.	5340352	08/23/94	Nakanishi, et al.	
	11.	5344454	09/06/94	Clarke, et al.	
	12.	5348788	09/20/94	White	
	13.	5356786	10/18/94	Heller, et al.	
	14.	5372133	12/13/94	Hogen Esch	
	15.	5380536	01/10/95	Hubbell, et al.	
	16.	5391250	02/21/95	Cheney et al.	
	17.	5397848	03/14/95	Yang, et al.	
	18.	5428123	06/27/95	Ward, et al.	
	19.	5431160	07/11/95	Wilkins	
	20.	5453278	09/26/95	Chan, et al.	
	21.	5462064	10/31/95	D'Angelo, et al.	
	22.	5469846	11/28/95	Khan	
	23.	5476094	12/19/95	Allen, et al.	
	24.	5496453	03/05/96	Uenoyama, et al.	
	25.	5531878	07/02/96	Vadgama, et al.	
	26.	5540828	07/30/96	Yacynych	
	27.	5545220	08/13/96	Andrews, et al.	
	28.	5545223	08/13/96	Neuenfeldt, et al.	
	29.	5549675	08/27/96	Neuenfeldt, et al.	

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	30.	5564439	10/15/96	Picha	
	31.	5569186	10/29/96	Lord, et al.	
	32.	5589563	12/31/96	Ward, et al.	
	33.	5593440	01/14/97	Brauker, et al.	
	34.	5593852	01/14/97	Heller, et al.	
	35.	5628890	05/13/97	Carter, et al.	
	36.	5653756	08/05/97	Clarke, et al.	
	37.	5653863	08/05/97	Genshaw, et al.	
	38.	5658330	08/19/97	Carlisle, et al.	
	39.	5706807	01/13/98	Picha	
	40.	5711861	01/27/98	Ward, et al.	
	41.	5713888	02/03/98	Neuenfeldt, et al.	
	42.	5733336	03/31/98	Neuenfeldt, et al.	
	43.	5741330	04/21/98	Brauker, et al.	
	44.	5756632	05/26/98	Ward, et al.	
	45.	5776324	07/07/98	Usala	
	46.	5777060	07/07/98	Van Antwerp	
	47.	5782912	07/21/98	Brauker, et al.	
	48.	5783054	07/21/98	Raguse, et al.	
	49.	5791344	08/11/98	Schulman, et al.	
	50.	5795774	08/18/98	Matsumoto, et al.	
	51.	5798065	08/25/98	Picha	
	52.	5800529	09/01/98	Brauker, et al.	
	53.	5807406	09/15/98	Brauker, et al.	
	54.	5811487	09/22/98	Schulz, Jr., et al.	
	55.	5840240	11/24/98	Stenoien, et al.	
	56.	5861019	01/19/99	Sun, et al.	
	57.	5871514	02/16/99	Wiklund, et al.	
	58.	5882494	03/16/99	Van Antwerp	

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	59.	5897578	04/27/99	Wiklund, et al.	
	60.	5904708	05/18/99	Goedeke	
	61.	5910554	06/08/99	Kempe, et al.	
	62.	5913998	06/22/99	Butler, et al.	
	63.	5914026	06/22/99	Blubaugh, Jr., et al.	
	64.	5919215	07/06/99	Wiklund, et al.	
	65.	5964261	10/12/99	Neuenfeldt, et al.	
	66.	5964804	10/12/99	Brauker, et al.	
	67.	5965380	10/12/99	Heller, et al.	
	68.	5976085	11/02/99	Kimball, et al.	
	69.	5985129	11/16/99	Gough, et al.	
	70.	5999848	12/07/99	Gord, et al.	
	71.	6001067	12/14/99	Shults, et al.	
	72.	6016448	01/18/00	Busacker, et al.	
	73.	6063637	05/16/00	Arnold, et al.	
	74.	6081736	06/27/00	Colvin, et al.	
	75.	6083710	07/04/00	Heller, et al.	
	76.	6088608	07/11/00	Schulman, et al.	
	77.	6119028	09/12/00	Schulman, et al.	
	78.	6135978	10/24/00	Houben, et al.	
	79.	6144869	11/07/00	Berner, et al.	
	80.	6162611	12/19/00	Heller, et al.	
	81.	6175752	01/16/01	Say, et al.	
	82.	6200772	03/13/01	Vadgama, et al.	
	83.	6201980	03/13/01	Darrow, et al.	
	84.	6208894	03/27/01	Schulman, et al.	
	85.	6212416	04/03/01	Ward, et al.	
	86.	6230059	05/08/01	Duffin	
	87.	6231879	05/15/01	Li, et al.	

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	88.	6233471	05/15/01	Bemer, et al.	
	89.	6241863	06/05/01	Monbouquette	
	90.	6248067	6/19/01	Causey, III, et al.	
	91.	6256522	7/3/01	Schultz	
	92.	6259937	7/10/01	Schulman, et al.	
	93.	6274285	8/14/01	Gries, et al.	
	94.	6284478	9/4/01	Heller, et al.	
	95.	6299578	10/9/01	Kurnik, et al.	
	96.	6309351	10/30/01	Kurnik, et al.	
	97.	6309384	10/30/01	Harrington, et al.	
	98.	6325978	12/4/01	Labuda, et al.	
	99.	6329161	12/11/01	Heller, et al.	
	100.	6365670	4/2/02	Fry	
	101.	6372244	4/16/02	Antanavich, et al.	
	102.	6447542	9/10/02	Weadock	
	103.	6459917	10/1/02	Gowda, et al.	
	104.	6461496	10/8/02	Feldman, et al.	
	105.	6471689	10/29/02	Joseph, et al.	
	106.	6475750	11/5/02	Han, et al.	
	107.	6477392	11/5/02	Honigs, et al.	
	108.	6477395	11/5/02	Schulman, et al.	
	109.	6514718	2/4/03	Heller, et al.	
	110.	6520997	2/18/03	Pekkarinen, et al.	
	111.	6527729	3/4/03	Turcott	
	112.	6537318	3/25/03	Ita, et al.	
	113.	6541107	4/1/03	Zhong, et al.	
	114.	6545085	4/8/03	Kilgour, et al.	
	115.	6546268	4/8/03	Ishikawa, et al.	
	116.	6551496	4/22/03	Moles, et al.	

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	117.	6558321	05/06/03	Burd, et al.	
	118.	6579498	6/17/03	Eglise	
	119.	6615078	9/2/03	Burson, et al.	
	120.	6618934	9/16/03	Feldman, et al.	
	121.	6702857	03/09/04	Brauker, et al.	
	122.	6741877	05/25/04	Shults, et al.	

### FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>1</sup>
	123.	EP0107634	5/2/84	Hellgren, Lars Gustav Inge		
	124.	EP0535898	4/7/93	ELI LILLY AND COMPANY		
	125.	EP0817809	7/31/02	Minimed Inc.		
	126.	EP0885932	12/23/98	OSi Specialties, Inc.		
	127.	FR 2760962	9/25/98	KLEFSTAD SILLONVILLE FRANCIS		
	128.	GB 1442303	7/14/76	RADIOMETER AS		
	129.	WO0019887	4/13/00	MINIMED INC.,		
	130.	WO0033065	6/8/00	THE UNIVERSITY OF TENNESSEE RESEARCH CORPORATION		
	131.	WO0120019	3/22/01	IMPLANTED BIOSYSTEMS, INC.		
	132.	WO0120334	3/22/01	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA; MINIMED INC.		
	133.	WO 01/58348	8/16/01	MINIMED INC.,		
	134.	WO 01/88524	11/22/01	THERASENSE, INC.,		
	135.	WO 02/053764	7/11/02	MEDTRONIC MINIMED, INC.		
	136.	WO 90/00738	1/25/90	MARKWELL MEDICAL INSTITUTE, INC.		
	137.	WO 92/07525	5/14/92	BAXTER INTERNATIONAL INC.		

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	138.	WO 93/19701	10/14/93	BAXTER INTERNATIONAL INC.		
	139.	WO 96/01611	1/25/96	BAXTER INTERNATIONAL INC.		
	140.	WO 96/30431	10/3/96	MINIMED INC.		
	141.	WO 96/32076	10/17/96	BAXTER INTERNATIONAL INC.		
	142.	WO 96/36296	11/21/96	BAXTER INTERNATIONAL INC.		

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>
	143.	ATANASOV, et al. Biosensor for Continuous Glucose Monitoring. Biotechnology and Bioengineering 1994, 43, 262-266	
	144.	BAKER, et al. Dynamic concentration challenges for biosensor characterization. Biosens Bioelectron 1993, 8, 433-441	
	145.	BANI AMER, M. M. An accurate amperometric glucose sensor based glucometer with eliminated cross-sensitivity. J Med Eng Technol 2002, 26, 208-13	
	146.	BEACH, et al. Subminiature implantable potentiostat and modified commercial telemetry device for remote glucose monitoring. IEEE Transactions on Instrumentation and Measurement 1999, 48, 1239-1245	
	147.	BINDRA, et al. Pulsed amperometric detection of glucose in biological fluids at a surface-modified gold electrode. Anal Chem 1989, 61, 2566-2570	
	148.	BODE, B. W. Clinical utility of the continuous glucose monitoring system. Diabetes Technol Ther 2000, 2 Suppl 1, S35-41	
	149.	BODE, et al. Continuous glucose monitoring used to adjust diabetes therapy improves glycosylated hemoglobin: a pilot study. Diabetes Res Clin Pract 1999, 46, 183-190	
	150.	BODE, et al. Using the continuous glucose monitoring system to improve the management of type 1 diabetes. Diabetes Technol Ther 2000, 2 Suppl 1, S43-8	
	151.	BOTT, A. W. A Comparison of Cyclic Voltammetry and Cyclic Staircase Voltammetry. Current Separations 1997, 16:1, 23-26	
	152.	BRAUKER, et al. Neovascularization of synthetic membranes directed by membrane microarchitecture. J Biomed Mater Res 1995, 29, 1517-1524	
	153.	BRAUKER, et al. Sustained expression of high levels of human factor IX from human cells implanted within an immunoisolation device into athymic rodents. Hum Gene Ther 1998, 9, 879-888	
	154.	BRAUKER, J.H. Unraveling Mysteries at the Biointerface: Molecular Mediator of Inhibition of Blood Vessel Formation in the Foreign Body Capsule Revealed. Surfact Biomaterials 2001, 6, 1;5	

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	155.	BREMER, et al. Benchmark data from the literature for evaluation of new glucose sensing technologies. Diabetes Technol Ther 2001, 3, 409-418	
	156.	BRUNNER, et al. Validation of home blood glucose meters with respect to clinical and analytical approaches. Diabetes Care 1998, 21, 585-590	
	157.	D'ARRIGO, et al. Porous-Si based bioreactors for glucose monitoring and drugs production. Proc. of SPIE 2003, 4982, 178-184	
	158.	DIXON, et al. Characterization in vitro and in vivo of the oxygen dependence of an enzyme/polymer biosensor for monitoring brain glucose. J Neurosci Methods 2002, 119, 135-142	
	159.	ERNST, et al. Reliable glucose monitoring through the use of microsystem technology. Anal Bioanal Chem 2002, 373, 758-761	
	160.	FARE, et al. Functional characterization of a conducting polymer-based immunoassay system. Biosens Bioelectron 1998, 13, 459-470	
	161.	FROST, et al. Implantable chemical sensors for real-time clinical monitoring: progress and challenges. Curr Opin Chem Biol 2002, 6, 633-641	
	162.	GELLER, et al. Use of an immunisolation device for cell transplantation and tumor immunotherapy. Ann NY Acad Sci 1997, 831, 438-451	
	163.	GERRITSEN, M. Problems associated with subcutaneously implanted glucose sensors. Diabetes Care 2000, 23, 143-5.	
	164.	GERRITSEN, et al. Influence of inflammatory cells and serum on the performance of implantable glucose sensors. J Biomed Mater Res 2001, 54, 69-75	
	165.	GERRITSEN, et al. Performance of subcutaneously implanted glucose sensors for continuous monitoring. Neth J Med 1999, 54, 167-179	
	166.	GILLIGAN et al. Evaluation of a subcutaneous glucose sensor out to 3 months in a dog model. Diabetes Care 1994, 17:8, 882-887	
	167.	GOUGH, et al. Immobilized glucose oxidase in implantable glucose sensor technology. Diabetes Technol Ther 2000, 2, 377-380.	
	168.	GROSS, et al. Performance evaluation of the MiniMed continuous glucose monitoring system during patient home use. Diabetes Technol Ther 2000, 2, 49-56.	
	169.	GROSS, et al. Efficacy and reliability of the continuous glucose monitoring system. Diabetes Technol Ther 2000, 2 Suppl 1, S19-26	
	170.	HALL, et al. Electrochemical oxidation of hydrogen peroxide at platinum electrodes. Part I. An adsorption-controlled mechanism. Electrochimica Acta 1998, 43, 579-588	
	171.	HALL, et al. Electrochemical oxidation of hydrogen peroxide at platinum electrodes. Part II: effect of potential. Electrochimica Acta 1998, 43, 2015-2024	
	172.	HALL, et al. Electrochemical oxidation of hydrogen peroxide at platinum electrodes. Part III: Effect of temperature. Electrochimica Acta 1999, 44, 2455-2462	
	173.	HALL, et al. Electrochemical oxidation of hydrogen peroxide at platinum electrodes. Part IV: phosphate buffer dependence. Electrochimica Acta 1999, 44, 4573-4582	

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	174.	HALL, et al. Electrochemical oxidation of hydrogen peroxide at platinum electrodes. Part V: inhibition by chloride. <i>Electrochimica Acta</i> 2000, 45, 3573-3579	
	175.	HITCHMAN, M. Measurement of Dissolved Oxygen. <i>Chemical Analysis</i> 1978, 49, 34-123	
	176.	ISHIKAWA, et al. Initial evaluation of a 290-microm diameter subcutaneous glucose sensor: glucose monitoring with a biocompatible, flexible-wire, enzyme-based amperometric microsensor in diabetic and nondiabetic humans. <i>J Diabetes Complications</i> 1998, 12, 295-301	
	177.	JENSEN, et al. Fast Wave Forms for Pulsed Electrochemical Detection of Glucose by Incorporation of Reduction Desorption of Oxidation Products. <i>Analytical Chemistry</i> 1997, 69, 1776-1781	
	178.	JOHNSON, et al. In vivo evaluation of an electroenzymatic glucose sensor implanted in subcutaneous tissue. <i>Biosens Bioelectron</i> 1992, 7, 709-714.	
	179.	JOVANOVIC, L. The role of continuous glucose monitoring in gestational diabetes mellitus. <i>Diabetes Technol Ther</i> 2000, 2 Suppl 1, S67-71	
	180.	KARGOL, et al. Studies on the structural properties of porous membranes: measurement of linear dimensions of solutes. <i>Biophys Chem</i> 2001, 91, 263-271	
	181.	KAUFMAN, F. R. Role of the continuous glucose monitoring system in pediatric patients. <i>Diabetes Technol Ther</i> 2000, 2 Suppl 1, S49-52	
	182.	KIECHLE, F.L. The impact of continuous glucose monitoring on hospital point-of-care testing programs. <i>Diabetes Technol Ther</i> 2001, 3, 647-649	
	183.	KOSCHINSKY, et al. Sensors for glucose monitoring: technical and clinical aspects. <i>Diabetes Metab Res Rev</i> 2001, 17, 113-123	
	184.	KRUGER, et al. Psychological motivation and patient education: a role for continuous glucose monitoring. <i>Diabetes Technol Ther</i> 2000, 2 Suppl 1, S93-7	
	185.	LEE, et al. Effects of pore size, void volume, and pore connectivity on tissue responses. <i>Society for Biomaterials</i> 1999, 25 <sup>th</sup> Annual Meeting, 171	
	186.	LERNER, et al. An implantable electrochemical glucose sensor. <i>Ann N Y Acad Sci</i> 1984, 428, 263-278	
	187.	LEYPOLDT, et al. Model of a two-substrate enzyme electrode for glucose. <i>Anal Chem</i> 1984, 56, 2896-2904	
	188.	MAKALE, et al. Tissue window chamber system for validation of implanted oxygen sensors. <i>Am J Physiol Heart Circ Physiol</i> 2003, 284, 1-24	
	189.	MARAN, et al. Continuous subcutaneous glucose monitoring in diabetic patients: a multicenter analysis. <i>Diabetes Care</i> 2002, 25, 347-52	
	190.	MATSUMOTO, et al. A LONG-TERM LIFETIME AMPEROMETRIC GLUCOSE SENSOR WITH A PERFLUOROCARBON POLYMER COATING. <i>BIOSENS BIOELECTRON</i> 2001, 16, 271-276	
	191.	MILLER, A. Human monocyte/macrophage activation and interleukin 1 generation by biomedical polymers. <i>J Biomed Mater Res</i> 1988, 23, 1007-1026	
	192.	MILLER, et al. Generation of IL-1 like activity in response to biomedical polymer implants: a comparison of in vitro and in vivo models. <i>J Biomed Mater Res</i> 1989, 23, 911-930	

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Date Considered

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	Art Unit	3736
(Multiple sheets used when necessary)	Examiner	Nasser, R.
SHEET 9 OF 12	Attorney Docket No.	DEXCOM.8DVC1C1

### NON PATENT LITERATURE DOCUMENTS

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	193.	MILLER, et al. In vitro stimulation of fibroblast activity by factors generated from human monocytes activated by biomedical polymers. Journal of J Biomed Mater Res 1989, 23, 911-930	
	194.	MOUSSY, et al. Biomaterials community examines biosensor biocompatibility. Diabetes Technol Ther 2000, 2, 473-477	
	195.	MOWERY, et al. Preparation and characterization of hydrophobic polymeric films that are thromboresistant via nitric oxide release. Biomaterials 2000, 21, 9-21	
	196.	MYLER, et al. Ultra-thin-polysiloxane-film-composite membranes for the optimisation of amperometric oxidase enzyme electrodes. Biosens Bioelectron 2002, 17, 35-43	
	197.	NAM, et al. A novel fabrication method of macroporous biodegradable polymer scaffolds using gas foaming salt as a porogen additive. J Biomed Mater Res 2000, 53, 1-7	
	198.	PALMISANO, et al. Simultaneous monitoring of glucose and lactate by an interference and cross-talk free dual electrode amperometric biosensor based on electropolymerized thin films. Biosens Bioelectron 2000, 15, 531-539	
	199.	PITZER, et al. Detection of hypoglycemia with the GlucoWatch biographer. Diabetes Care 2001, 24, 881-5	
	200.	POITOUT, et al. A glucose monitoring system for on line estimation in man of blood glucose concentration using a miniaturized glucose sensor implanted in the subcutaneous tissue and a wearable control unit. Diabetologia 1993, 36, 658-663	
	201.	POSTLETHWAITE, et al. Interdigitated Array Electrode as an Alternative to the Rotated Ring-Disk Electrode for Determination of the Reaction Products of Dioxxygen Reduction. Analytical Chemistry 1996, 68, 2951-2958.	
	202.	RATNER, B.D. Reducing capsular thickness and enhancing angiogenesis around implant drug release systems. J Control Release 2002, 78, 211-218	
	203.	RHODES et al., Prediction of pocket-portable and implantable glucose enzyme electrode performance from combined species permeability and digital simulation analysis. Analytical Chemistry 1994, 66, 1520-1529	
	204.	SANSEN, et al. A smart sensor for the voltammetric measurement of oxygen or glucose concentrations. Sensors and Actuators 1990, 1, 298-302	
	205.	SANSEN, et al. "Glucose sensor with telemetry system." Ko, W.H. (Ed). Implantable Sensors for Closed Loop Prosthetic Systems, Ch. 12, 167-175, Futura Publishing Co. (1985).	
	206.	SCHMIDT, et al. Glucose concentration in subcutaneous extracellular space. Diabetes Care 1993, 16, 695-700	
	207.	SCHOEMAKER, et al. The SCGM1 System: Subcutaneous Continuous Glucose Monitoring Based on Microdialysis Technique. Diabetes Technol Ther 2003, 5, 599-608	
	208.	SHULTS, et al. A telemetry-instrumentation system for monitoring multiple subcutaneously implanted glucose sensors. IEEE Transactions on Biomedical Engineering 1994, 41, 937-942	
	209.	SIEMINSKI, et al. Biomaterial-microvasculature interactions. Biomaterials 2000, 21, 2233-2241	
	210.	SKYLER, J. S. The economic burden of diabetes and the benefits of improved glycemic control: the potential role of a continuous glucose monitoring system. Diabetes Technol Ther 2000, 2 Suppl 1, S7-12	
	211.	STEIL, et al. Determination of plasma glucose during rapid glucose excursions with a subcutaneous glucose sensor. Diabetes Technol Ther 2003, 5, 27-31	

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	212.	TANENBERG, et al. Continuous glucose monitoring system: a new approach to the diagnosis of diabetic gastroparesis. Diabetes Technol Ther 2000, 2 Suppl 1, S73-80	
	213.	TANG, et al. Fibrin(ogen) mediates acute inflammatory responses to biomaterials. J Exp Med 1993, 178, 2147-2156	
	214.	TANG, et al. Inflammatory responses to biomaterials. Am J Clin Pathol 1995, 103, 466-471	
	215.	TANG, et al. Mast cells mediate acute inflammatory responses to implanted biomaterials. Proc Natl Acad Sci U S A 1998, 95, 8841-8846	
	216.	TANG, et al. Molecular determinants of acute inflammatory responses to biomaterials. J Clin Invest 1996, 97, 1329-1334	
	217.	THOME-DURET, et al. Modification of the sensitivity of glucose sensor implanted into subcutaneous tissue. Diabetes Metab 1996, 22, 174-178.	
	218.	TIBELL, et al. Survival of macroencapsulated allogeneic parathyroid tissue one year after transplantation in nonimmunosuppressed humans. Cell Transplant 2001, 10, 591-9	
	219.	TIERNEY, et al. The GlucoWatch biographer: a frequent automatic and noninvasive glucose monitor. Ann Med 2000, 32, 632-641	
	220.	UPDIKE et al. Enzymatic glucose sensors: improved long-term performance in vitro and in vivo. ASAIO Journal 1994, 40, 157-163	
	221.	UPDIKE et al. "Principles of long-term fully implanted sensors with emphasis on radiotelemetric monitoring of blood glucose from inside a subcutaneous foreign body capsule (FBC)." Fraser, D.M. (Ed.). Biosensors in the body: continuous in vivo monitoring, Chap. 4, pp 117-137, John Wiley & Sons Ltd., (1997)	
	222.	UPDIKE, et al. A subcutaneous glucose sensor with improved longevity, dynamic range, and stability of calibration. Diabetes Care 2000, 23, 208-214	
	223.	UPDIKE, et al. The enzyme electrode. Nature 1967, 214, 986-988	
	224.	WAGNER, et al. A. Continuous amperometric monitoring of glucose in a brittle diabetic chimpanzee with a miniature subcutaneous electrode. Proc Natl Acad Sci U S A 1998, 95, 6379-6382	
	225.	WARD et al. A new amperometric glucose microsensor: in vitro and short-term in vivo evaluation. Biosensors & Bioelectronics 2002, 17, 181-189	
	226.	WARD, et al., Rise in background current over time in a subcutaneous glucose sensor in the rabbit: relevance to calibration and accuracy. Biosensors & Bioelectronics 2000, 15, 53-61.	
	227.	WARD et al. Understanding Spontaneous Output Fluctuations of an Amperometric Glucose Sensor: Effect of Inhalation Anesthesia and Use of a Nonenzyme Containing Electrode, 540-456.	
	228.	WILSON, et al. Enzyme-based biosensors for in vivo measurements. Chem Rev 2000, 100:2693-2704.	
	229.	WU, et al. In situ electrochemical oxygen generation with an immunoisolation device. Ann N Y Acad Sci 1999, 875, 105-125	
	230.	YANG, et al. Development of needle-type glucose sensor with high selectivity. Science and Actuators B 1998, 46, 249-256	

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	231.	U.S. Patent Application No. 09/447,227, filed 11/22/99, Docket No. DEXCOM.008DV1.	
	232.	U.S. Patent Application No. 10/632,537 filed 08/01/03, Docket No. DEXCOM.024A.	
	233.	U.S. Patent Application No. 10/633,329 filed 08/01/03, Docket No. DEXCOM.026A.	
	234.	U.S. Patent Application No. 10/633,367 filed 08/01/03, Docket No. DEXCOM.016A.	
	235.	U.S. Patent Application No. 10/633,404 filed 08/01/03, Docket No. DEXCOM.025A.	
	236.	U.S. Patent Application No. 10/646,333 filed 08/22/03, Docket No. DEXCOM.011A.	
	237.	U.S. Patent Application No. 10/647,065 filed 08/22/03, Docket No. DEXCOM.012A.	
	238.	U.S. Patent Application No. 10/648,849 filed 08/22/03, Docket No. DEXCOM.027A.	
	239.	U.S. Patent Application No. 10/657,843 filed 09/09/03, Docket No. DEXCOM.8DVC1C1	
	240.	U.S. Patent Application No. 10/695,636 filed 10/28/03, Docket No. DEXCOM.028A.	
	241.	U.S. Patent Application No. 10/789,359 filed 02/26/04, Docket No. DEXCOM.037A.	
	242.	U.S. Patent Application No. 10/838,658 filed 05/03/04, Docket No. DEXCOM.045A.	
	243.	U.S. Patent Application No. 10/838,909 filed 05/03/04, Docket No. DEXCOM.044A.	
	244.	U.S. Patent Application No. 10/838,912 filed 05/03/04, Docket No. DEXCOM.043A.	
	245.	U.S. Patent Application No. 10/842,716 filed 05/10/04, Docket No. DEXCOM.012CP1.	
	246.	U.S. Patent Application No. 10/846,150 filed 05/14/04, Docket No. DEXCOM.8DV1CP.	
	247.	U.S. Patent Application No. 10/885,476 filed 07/06/04, Docket No. DEXCOM.048A.	
	248.	U.S. Patent Application No. 10/896,637 filed 07/21/04, Docket No. DEXCOM.019A.	
	249.	U.S. Patent Application No. 10/897,772 filed 07/21/04, Docket No. DEXCOM.020A.	

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	250.	U.S. Patent Application No. 10/896,639 filed 07/21/04, Docket No. DEXCOM.021A.	
	251.	U.S. Patent Application No. 10/897,377 filed 07/21/04, Docket No. DEXCOM.022A.	
	252.	U.S. Patent Application No. 10/896,312 filed 07/21/04, Docket No. DEXCOM.023A.	
	253.	U.S. Patent Application No. 11/021162 filed 12/22/2004, Docket No. DEXCOM.007C1.	
	254.	U.S. Patent Application No. 11/021046 filed 12/22/2004, Docket No. DEXCOM.008DV1C.	
	255.	U.S. Patent Application No. 11/007920 filed 12/08/2004, Docket No. DEXCOM.029A.	
	256.	U.S. Patent Application No. 10/991353 filed 11/16/2004, Docket No. DEXCOM.030A.	
	257.	U.S. Patent Application No. 11/007635 filed 12/07/2004, Docket No. DEXCOM.031A.	
	258.	U.S. Patent Application No. 10/991966 filed 11/17/2004, Docket No. DEXCOM.032A.	
	259.	U.S. Patent Application No. 11/004,561 filed 12/03/2004, Docket No. DEXCOM.038A.	
	260.	U.S. Patent Application No. __/ __, __ filed 01/11/2005, Docket No. DEXCOM.039A.	
	261.	U.S. Patent Application No. __/ __, __ filed 01/11/2005, Docket No. DEXCOM.040A.	
	262.	U.S. Patent Application No. __/ __, __ filed 01/19/2005, Docket No. DEXCOM.8DVCP2C.	

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